

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 015030-0

10/777,530

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Us several sheets if necessary)

APPLICANT

Kazuhiro OKADA, t al.

FILING DATE

GROUP

February 12, 2004

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
TJD	AA	4,905,523	3/1990	Okada	73	862.04	
	AB	4,967,605	11/1990	Okada	73	862.04	
	AC	4,969,366	11/1990	Okada	73	862.08	
	AD	5,014,415	5/1991	Okada	29	621.1	
	AE	5,035,148	7/1991	Okada	73	862.04	
	AF	5,092,645	3/1992	Okada	294	86.4	
	AG	5,182,515	1/1993	Okada	324	259	
	AH	5,263,375	11/1993	Okada	73	862.042	
	AI	5,295,386	3/1994	Okada	73	1 D	
	AJ	5,343,765	9/1994	Okada	73	862.043	
	AK	5,365,799	11/1994	Okada	73	862.041	
	AL	5,392,658	2/1995	Okada	73	862.043	
	AM	5,406,848	4/1995	Okada	73	517 R	
	AN	5,421,213	6/1995	Okada	73	862.043	
	AO	5,437,196	8/1995	Okada	73	862.043	
	AP	5,492,020	2/1996	Okada	73	862.626	
	AQ	5,497,668	3/1996	Okada	73	862.626	
	AR	5,531,002	7/1996	Okada	29	25.41	
	AS	5,531,092	7/1996	Okada	73	1 D	
	AT	5,571,972	11/1996	Okada	73	862.043	
	AU	5,639,973	6/1997	Okada	73	862.043	
	AV	5,646,346	7/1997	Okada	73	504.04	
	AW	5,668,318	9/1997	Okada	73	504.11	
	AX	5,682,000	10/1997	Okada	73	862.043	
	AY	5,744,718	4/1998	Okada	73	514.33	
TJD	AZ	5,780,749	7/1998	Okada	73	862.043	

EXAMINER

DWA J. R.

DATE CONSIDERED

6/24/04

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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TJD	AA	5,811,693	9/1998	Okada	73	862.043	
	AB	5,831,163	11/1998	Okada	73	504.12	
	AC	5,850,040	12/1998	Okada	73	504.04	
	AD	5,856,620	1/1999	Okada	73	514.32	
	AE	5,962,787	10/1999	Okada et al.	73	514.32	
	AF	5,987,985	11/1999	Okada	73	504.04	
	AG	6,003,371	12/1999	Okada	73	504.02	
	AH	6,053,057	4/2000	Okada	73	862.043	
	AI	6,076,401	6/2000	Okada	73	504.12	
	AJ	6,098,461	8/2000	Okada	73	514.34	
	AK	6,158,291	12/2000	Okada	73	862.043	
	AL	6,159,761	12/2000	Okada	438	53	
	AM	6,185,814	2/2001	Okada	29	621.1	
	AN	6,205,856	3/2001	Okada	73	504.11	
	AO	6,269,697	8/2001	Okada	73	504.02	
	AP	6,282,956	9/2001	Okada	73	504.12	
	AQ	6,314,823	11/2001	Okada	73	862.043	
	AR	6,367,326	4/2002	Okada	73	504.12	
	AS	6,378,381	4/2002	Okada et al.	73	862.043	
	AT	6,474,133	11/2002	Okada	73	1.38	
	AU	6,477,903	11/2002	Okada	73	862.043	
	AV	6,512,364	1/2003	Okada	324	158.1	
	AW	6,530,283	3/2003	Okada et al.	73	780	
	AX	6,313,826	11/2001	Schrum et al.	345	161	
	AY	2001/0011994	8/2001	Morimoto et al.	345	156	
TJD	AZ	5,948,990	9/1999	Hashida	73	725	

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N.A. J. R.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
TJD	AA	5,440,237	8/1995	Brown et al.	
TJD	AB	4,793,193	12/1998	Borgudd	
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
TJD	AL	2001-311671	11/2001	JP		X
	AM					
	AN					
	AO					
	AP					

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	
	AS	
	AT	

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
TJD	AA	5,912,612	06-15-1999	DEVOLPI	
TJD	AB	5,949,354	09-7-1999	CHANG	
TJD	AC	6,087,925	07-11-2000	DEVOLPI	
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				
	AJ				
	AK				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
TJD	AL	99/17180	04-08-1999	WO	X	
* TJD	AM	2001311671	09-11-01	JAPAN		X
	AN					
	AO					
	AP					

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

TJD	AR	PATENT ABSTRACT OF JAPAN 2001311617 DATED NOVEMBER 9, 2001
	AS	
	AT	

EXAMINER

R. A. J. K.

DATE CONSIDERED 6/24/04

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* Only an Abstract of 2001311617 is included.